

WHAT IS CLAIMED IS:

1. An information processor which can communicate with a printer, comprising:

5 generation means for generating a print job to be processed by said printer;

instruction means for instructing said print job to be interrupt printed by said printer;

10 detection means for detecting that said print job instructed by said instruction means to be interrupt printed has not been interrupt printed, based on information from said printer; and

15 notification means for notifying the user that said print job has not been interrupt printed, based on information received by said detection means.

2. The processor according to claim 1, wherein said notification means causes a display unit to display that said print job has not been interrupt printed.

20 3. The processor according to claim 2, wherein said notification means causes said display unit to display an icon indicating that said print job has not been interrupt printed.

25 4. The processor according to claim 1, wherein said detection means receives from said printer some

008760" E8E79960

information indicating that said print job instructed by said instruction means to be interrupt printed has not been interrupt printed.

5 5. The processor according to claim 1, wherein said detection means receives some information indicating that an interrupt print of a print job has failed and the owner of said print job and determines whether the owner of said print job is the user to
10 detect that said print job instructed by said instruction means to be interrupt printed has not been interrupt printed.

15 6. The processor according to claim 1, wherein said notification means notifies the user that said print job has not been interrupt printed but normally printed.

20 7. A print controller which can process print jobs from a plurality of information processors, comprising:

interrupt means for suspending the print operation for a print job and executing an interrupt print of another print job according to an instruction for
25 interrupt print;

determination means for determining whether said interrupt print is being executed by said interrupt

008760" EBE79960

decision means for, in response to reception of an interrupt-instructed print job, deciding whether a received print job is interrupt printed, based on the determination result from said determination means.

10 wherein said decision means decides that a
received print job is not interrupt printed if multiple
interrupts are prohibited by said prohibition means.

20 10. The controller according to claim 7, wherein
said print controller is a print controller for said
printer.

11. The controller according to claim 7, wherein said print controller is a print controller for a device having a copy function.

12. The controller according to claim 7, further comprising transfer means for transferring to an information processor some information indicating that an interrupt print of a received print job has failed
5 if it is decided that said received print job is not interrupt printed.

13. The controller according to claim 7, wherein a received print job is processed in normal order if it
10 is decided that said received print job is not interrupt printed.

14. The controller according to claim 13, further comprising transfer means for transferring to an
15 information processor some information indicating that a received print job is processed in normal order if it is decided that said received print job is not interrupt printed.

20 15. A method for information processing in an information processor which can communicate with a printer, comprising:

generation step for generating a print job to be processed by said printer;

25 instruction step for instructing said print job to be interrupt printed by said printer;

detection step for detecting that said print job

09664383-091800

notification step for notifying the user that said
5 print job has not been interrupt printed, based on
information received by said detection step.

17. The method according to claim 16, wherein
said notification step causes said display unit to
display an icon indicating that said print job has not
15 been interrupt printed.

18. The method according to claim 15, wherein
said detection step receives from said printer some
information indicating that said print job instructed
by said instruction step to be interrupt printed has
not been interrupt printed.

19. The method according to claim 15, wherein
said detection step receives some information
25 indicating that an interrupt print of a print job has
failed and the owner of said print job and determines
whether the owner of said print job is the user to

detect that said print job instructed by said instruction step to be interrupt printed has not been interrupt printed.

5 20. The method according to claim 15, wherein said notification step notifies the user that said print job has not been interrupt printed but normally printed.

10 21. A print control method for processing print jobs from a plurality of information processors, comprising:

 interrupt step for suspending the print operation for a print job and executing an interrupt print of
15 another print job according to an instruction for interrupt print;

 determination step for determining whether said interrupt print is being executed by said interrupt step; and

20 decision step for, in response to reception of an interrupt-instructed print job, deciding whether a received print job is interrupt printed, based on the determination result from said determination step.

25 22. The method according to claim 21, further comprising prohibition step for prohibiting multiple interrupts,

008T50" 091800 09364383

wherein said decision step decides that a received print job is not interrupt printed if multiple interrupts are prohibited by said prohibition step.

5 23. The method according to claim 21, wherein execution of multiple interrupts means that an interrupt print is further executed while a previous interrupt print is being executed by said interrupt step.

10 24. The method according to claim 21, wherein said print control method is executed by said printer.

15 25. The method according to claim 21, wherein said print control method is executed by a device having the copy function.

20 26. The method according to claim 21, further comprising transfer step for transferring to an information processor some information indicating that an interrupt print of a received print job has failed if it is decided that said received print job is not interrupt printed.

25 27. The method according to claim 21, wherein a received print job is processed in normal order if it is decided that said received print job is not

008760" 884960

interrupt printed.

28. The method according to claim 27, further comprising transfer step for transferring to an information processor some information indicating that a received print job is processed in normal order if it is decided that said received print job is not interrupt printed.

29. A program executed by an information processor which can communicate with a printer, wherein said program causes said information processor to execute:

generation step for generating a print job to be processed by said printer;

instruction step for instructing said print job to be interrupt printed by said printer;

detection step for detecting that said print job instructed by said instruction step to be interrupt printed has not been interrupt printed, based on information from said printer; and

notification step for notifying the user that said print job has not been interrupt printed, based on information received by said detection step.

30. The program according to claim 29, wherein said notification step causes a display unit to display

008760" E8E4960
09664383 091800

that said print job has not been interrupt printed.

31. The program according to claim 30, wherein
said notification step causes said display unit to
5 display an icon indicating that said print job has not
been interrupt printed.

32. The program according to claim 29, wherein
said detection step receives from said printer some
10 information indicating that said print job instructed
by said instruction step to be interrupt printed has
not been interrupt printed.

33. The program according to claim 29, wherein
15 said detection step receives some information
indicating that an interrupt print of a print job has
failed and the owner of said print job and determines
whether the owner of said print job is the user to
detect that said print job instructed by said
20 instruction step to be interrupt printed has not been
interrupt printed.

34. The program according to claim 29, wherein
said notification step notifies the user that said
25 print job has not been interrupt printed but normally
printed.

09664383-091800

35. A program executed by a print controller which processes print jobs from a plurality of information processors, wherein said program causes said print controller to execute:

5 interrupt step for suspending the print operation for a print job and executing an interrupt print of another print job according to an instruction for interrupt print;

10 determination step for determining whether said interrupt print is being executed by said interrupt step; and

15 decision step for, in response to reception of an interrupt-instructed print job, deciding whether a received print job is interrupt printed, based on the determination result from said determination step.

20 36. The program according to claim 35, wherein said program causes said print controller to execute prohibition step for prohibiting multiple interrupts, and

 wherein said decision step decides that a received print job is not interrupt printed if multiple interrupts are prohibited by said prohibition step.

25 37. The program according to claim 35, wherein execution of multiple interrupts means that an interrupt print is further executed while a previous

008760" E3E49960

38. The program according to claim 35, wherein
5 said program is executed by said printer.

10

15

20

25

interrupt printed.

```

generation step for generating a print job to be
processed by said printer;

```

notification step for notifying the user that said print job has not been interrupt printed, based on information received by said detection step.

45. The memory medium according to claim 44,
wherein said notification step causes said display unit
to display an icon indicating that said print job has

not been interrupt printed.

46. The memory medium according to claim 43,
wherein said detection step receives from said printer
5 some information indicating that said print job
instructed by said instruction step to be interrupt
printed has not been interrupt printed.

47. The memory medium according to claim 43,
10 wherein said detection step receives some information
indicating that an interrupt print of a print job has
failed and the owner of said print job and determines
whether the owner of said print job is the user to
detect that said print job instructed by said
15 instruction step to be interrupt printed has not been
interrupt printed.

48. The memory medium according to claim 43,
wherein said notification step notifies the user that
20 said print job has not been interrupt printed but
normally printed.

49. A computer-readable memory medium which
stores a computer program executed by a print
25 controller which processes print jobs from a plurality
of information processors, wherein said program causes
said print controller to execute:

008760" E8E79960

interrupt step for suspending the print operation for a print job and executing an interrupt print of another print job according to an instruction for interrupt print;

5 determination step for determining whether said interrupt print is being executed by said interrupt step; and

10 decision step for, in response to reception of an interrupt-instructed print job, deciding whether a received print job is interrupt printed, based on the determination result from said determination step.

15 50. The memory medium according to claim 49, wherein said program causes said print controller to execute prohibition step for prohibiting multiple interrupts, and

20 wherein said decision step decides that a received print job is not interrupt printed if multiple interrupts are prohibited by said prohibition step.

25 51. The memory medium according to claim 49, wherein execution of multiple interrupts means that an interrupt print is further executed while a previous interrupt print is being executed by said interrupt step.

52. The memory medium according to claim 49,

008160" E8E79960

wherein said program is executed by said printer.

53. The memory medium according to claim 49,
wherein said program is executed by a device having the
5 copy function.

54. The memory medium according to claim 49,
further comprising transfer step for transferring to an
information processor some information indicating that
10 an interrupt print of a received print job has failed
if it is decided that said received print job is not
interrupt printed.

55. The memory medium according to claim 49,
15 wherein a received print job is processed in normal
order if it is decided that said received print job is
not interrupt printed.

56. The memory medium according to claim 55,
20 further comprising transfer step for transferring to an
information processor some information indicating that
a received print job is processed in normal order if it
is decided that said received print job is not
interrupt printed.

008760" E8E49960